

SEQUENCE LISTING

<110> SANSON, ALAIN
 OCHSENBEIN, FRANCOISE
 DOLLE, FREDERIC

<120> LABELLED PEPTIDES HAVING AFFINITY FOR A PHOSPHOLIPID AND USES

<130> 263859US0XPCT

<140> 10/518,382
 <141> 2004-12-29

<150> PCT/FR03/02027
 <151> 2003-06-30

<150> FR 02 08204
 <151> 2002-07-01

<160> 17

<170> PatentIn version 3.3

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Gly Phe Asp Glu Arg Ala Asp Val Glu Thr Leu Arg Lys Ala Met Lys
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Gly Leu Gly Thr Asp Glu Glu Ser Ile Leu Thr Leu Leu Thr Ser Arg
 20 25 30

Ser Asn Ala Gln Arg Gln Glu Ile Ser Ala Ala Tyr Lys Thr Leu Phe
 35 40 45

Gly Arg Asp Leu Leu Asp Asp Leu Lys Ser Glu Leu Thr Gly Lys Phe
 50 55 60

Glu Lys Leu Val Val Ala Leu Leu Lys Pro Ser
 65 70 75

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Gly Met Gly Val Asp Glu Asp Thr Ile Val Asn Ile Leu Thr Asn Arg
20 25 30

Ser Asn Ala Gln Arg Gln Asp Ile Ala Phe Ala Tyr Gln Arg Arg Thr
35 40 45

Lys Arg Glu Leu Ala Ser Asp Leu Lys Ser Glu Leu Ser Gly His Leu
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Glu Arg Val Ile Leu Gly Leu Leu Lys Thr Ser
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Gly Ile Gly Thr Asp Glu Asp Met Leu Ile Ser Ile Leu Thr Glu Arg
20 25 30

Ser Asn Ala Gln Arg Gln Leu Ile Val Lys Glu Tyr Gln Ala Ala Tyr
35 40 45

Gly Arg Glu Leu Lys Asp Asp Leu Lys Ser Glu Leu Ser Gly His Phe
50 55 60

Glu Arg Leu Met Val Ala Leu Val Thr Pro Ser
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Gly Leu Gly Thr Asp Glu Asp Ala Ile Ile Ser Val Leu Ala Tyr Arg
20 25 30

Asn Thr Ala Gln Arg Gln Glu Ile Arg Thr Ala Tyr Lys Ser Thr Ile
35 40 45

Gly Arg Asp Leu Ile Asp Asp Leu Lys Ser Glu Leu Ser Gly Asn Phe
50 55 60

Glu Arg Val Ile Val Gly Met Met Thr Pro Ser
65 70 75

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Gly Phe Asp Pro Asn Gln Asp Ala Glu Ala Leu Arg Thr Ala Met Lys
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Gly Phe Gly Ser Asp Glu Glu Ala Ile Leu Asp Ile Ile Thr Ser Arg
20 25 30

Ser Asn Arg Gln Arg Gln Glu Val Cys Gln Ser Tyr Lys Ser Leu Tyr
35 40 45

Gly Arg Asp Leu Ile Ala Asp Leu Lys Ser Glu Leu Thr Gly Lys Phe
50 55 60

Glu Arg Leu Ile Val Gly Leu Met Arg Pro Ser
65 70 75

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Gly Leu Gly Thr Asp Glu Asp Thr Ile Ile Asp Ile Ile Thr His Arg
20 25 30

Ser Asn Val Gln Arg Gln Gln Ile Arg Gln Thr Phe Lys Ser His Phe
35 40 45

Gly Arg Asp Leu Met Thr Asp Leu Lys Ser Glu Ile Ser Gly Asp Leu
50 55 60

Glu Arg Leu Ile Leu Gly Leu Met Met Pro Ser
65 70 75

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Gly Phe Gly Thr Asp Glu Gln Ala Ile Val Asp Val Val Ala Asn Arg
20 25 30

Ser Asn Asp Gln Arg Gln Lys Ile Lys Ala Ala Phe Lys Thr Ser Tyr
35 40 45

Gly Arg Asp Leu Ile Lys Asp Leu Lys Ser Glu Leu Ser Gly Asn Met
50 55 60

Glu Arg Leu Ile Leu Ala Leu Phe Met Pro Ser
65 70 75

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His Phe Asn Pro Asp Pro Asp Val Glu Thr Leu Arg Lys Ala Met Lys

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Gly Ile Gly Thr Asn Glu Gln Ala Ile Ile Asp Val Leu Thr Lys Arg	20	25	30
Ser Asn Thr Gln Arg Gln Thr Ile Ala Lys Ser Phe Lys Ala Gln Phe	35	40	45
Gly Arg Asp Leu Thr Glu Asp Leu Lys Ser Glu Leu Ser Gly Lys Leu	50	55	60
Glu Arg Leu Ile Val Ala Leu Met Tyr Pro Ser	65	70	75

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Gly Phe Gly Thr Asp Glu Gln Ala Ile Ile Asp Cys Leu Gly Ser Arg	20	25	30
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Ser Asn Lys Gln Arg Gln Gln Ile Leu Leu Ser Phe Lys Thr Ala Tyr	35	40	45
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Gly Arg Asp Leu Ile Lys Asp Leu Lys Ser Glu Leu Ser Gly Asn Phe	50	55	60
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Glu Lys Thr Ile Leu Ala Leu Met Lys Thr Ser	65	70	75
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Gly Met Gly Thr Asn Glu Ala Ala Ile Ile Glu Ile Leu Ser Gly Arg
20 25 30

Thr Ser Asp Glu Arg Gln Gln Ile Lys Gln Lys Tyr Lys Ala Thr Tyr
35 40 45

Gly Arg Glu Leu Glu Glu Asp Leu Lys Ser Glu Leu Ser Gly Asn Phe
50 55 60

Glu Lys Thr Ala Leu Ala Leu Leu Asp Arg Ser
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Gly Ser Gly Cys Gly Phe Asp Glu Arg Ala Asp Val Glu Thr Leu Arg
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Lys Ala Met Lys Gly Xaa Gly Thr Asp Glu Glu Ser Ile Leu Thr Leu
20 25 30

Leu Xaa Ser Arg Ser Asn Ala Gln Arg Gln Glu Ile Xaa Ala Ala Xaa
35 40 45

Lys Xaa Leu Phe Gly Arg Asp Leu Leu Asp Asp Leu Lys Ser Xaa Leu
50 55 60

Thr Gly Lys Phe Xaa Lys Xaa Val Val Ala Leu Leu Lys Pro Ser
65 70 75

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Gly Ser Pro Gly Phe Asp Glu Arg Ala Asp Val Glu Thr Leu Arg Lys
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Ala Met Lys Gly Leu Gly Thr Asp Glu Glu Ser Ile Leu Thr Leu Leu
20 25 30

Thr Ser Arg Ser Asn Ala Gln Arg Gln Glu Ile Ser Ala Ala Tyr Lys
35 40 45

Thr Leu Phe Gly Arg Asp Leu Leu Asp Asp Leu Lys Ser Glu Leu Thr
50 55 60

Gly Lys Phe Glu Lys Leu Val Val Ala Leu Leu Lys Pro Ser
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Thr Leu Arg Lys Ala Met Lys Gly Xaa Gly Thr Asp Glu Glu Ser Ile
20 25 30

Leu Thr Leu Leu Xaa Ser Arg Ser Asn Ala Gln Arg Gln Glu Ile Xaa
35 40 45

Ala Ala Xaa Lys Xaa Leu Phe Gly Arg Asp Leu Leu Asp Asp Leu Lys

Ser Xaa Leu Thr Gly Lys Phe Xaa Lys Xaa Val Val Ala Leu Leu Lys
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Pro Ser Arg

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Ala Asp Val Glu Thr Leu Arg Lys Ala Met Lys Gly Xaa Gly Thr Asp
20 25 30

Glu Glu Ser Ile Leu Thr Leu Leu Xaa Ser Arg Ser Asn Ala Gln Arg
35 40 45

Gln Glu Ile Xaa Ala Ala Xaa Lys Xaa Leu Phe Gly Arg Asp Leu Leu
50 55 60

Asp Asp Leu Lys Ser Xaa Leu Thr Gly Lys Phe Xaa Lys Xaa Val Val
65 70 75 80

Ala Leu Leu Lys Pro Ser Arg
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Gly Ser Gly Cys
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Gly Cys Gly Ser
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Gly Cys Gly Cys

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